

COAST GUARD

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COAST GUARD TO BE HOST TO INTERNATIONAL RADIO AIDS CONFERENCE

An international meeting to consider marine radio aids to navigation is to be held in New York and New London beginning April 28. The State Department has extended to the leading maritime nations of the world invitations to send delegates. The meetings will extend over a period of about 2 weeks.

Opening ceremonies and discussions will be held in New York, followed by 3 days of demonstrations of equipment in use in the United States, for which the delegates will be accommodated aboard the Coast Guard Cutter *Campbell*, the United States Maritime Service training vessel *American Sailor*, and a vessel of the Coast and Geodetic Survey. Final discussions and ceremonies will be held at the Coast Guard Academy at New London.

Dr. William L. Everett of the University of Illinois will be chairman of the meetings. Other prominent scientists and engineers have been selected as key lecturers, with Coast Guard officers from the fields of communications, aids to navigation, and electronics presenting the practical aspects of installation and operation of equipment and systems. Lt. Comdr. L. E. Brunner has been assigned by the State Department as program coordinator.

Among the systems of radio aids to navigation which will be demonstrated are: Radiobeacons and the associated radio direction finders; radar equipment for anticollision and short distance navigational purposes; Loran for long range navigation; and other electronic devices and systems which are in the developmental stage.

C. G. Distribution
A, B, C, and List 102

ADMIRAL FARLEY ADDRESSES MISSISSIPPI VALLEY ASSO- CIATION CONVENTION

Appearing before the Mississippi Valley Association, meeting at St. Louis, Mo., on January 20, Admiral Farley, Commandant of the Coast Guard, spoke on the work of the Coast Guard upon the Mississippi River and its tributaries, and also outlined certain of the more recent developments in Coast Guard activities in coastal waters.

Admiral Farley, in his talk, placed special emphasis upon the Coast Guard's marine inspection work, as this function had been permanently assigned to the service since his last appearance before the Mississippi Valley Association. He mentioned the effect of the Administrative Procedures Act upon marine inspection rules and regulations, and also the fact that the Coast Guard was actively promoting certain changes in the Inland and Western River pilot rules as a means of avoiding some of the confusion which had resulted from the development of the intracoastal waterway.

Radar, and its possible application to navigation upon the Mississippi River system, was also mentioned, and the Commandant recommended that the shipping interests there, by experimenting with radar, determine for themselves just what an acceptable radar set should do, and then encourage manufacturers to produce just such apparatus. In this statement it was recognized that conditions upon the rivers were quite different from those encountered in coastal or offshore navigation, and that equipment devised for one area might be quite unsuited for the other.

¹ Published with the approval of the Director of the Budget.

Admiral Farley pointed out the indirect value to the inland States of the weather observation ships of the Coast Guard maintained in midocean, these helping the Weather Bureau to predict weather not only over the oceans but over all parts of the United States. He also spoke of the air-sea rescue operations and the high state of development of cooperative measures, exemplified in such recent disasters as the Belgian plane disaster at Gander, Newfoundland. This discussion led in turn to the mention of tentative plans for a test seadrome which would serve to replace ships as a weather observation station and which would probably also develop into a midocean rescue station.

CONSOLE TYPE RADIOBEACONS NOW AVAILABLE ON NORTH ATLANTIC OCEAN

Radio facilities for use in the navigation of vessels upon the north Atlantic, particularly in the vicinity of the coast of Europe, have been increased through the establishment of console stations. These are a special type of high-powered radiobeacon designed to operate in such a way that accurate bearings can be obtained from them by means of an ordinary medium-frequency receiver. The use of a receiver with narrow band characteristics is desirable to alleviate the problems of static, noise, and interference. The console system is, therefore, suitable for all ships with medium-frequency receivers and requires no additional gear to be fitted. Special charts, maps, or tables for use with console are, however, required.

Console stations are now in operation at Stavanger (Norway) continuously, Bushmills (Northern Ireland) on an experimental basis and also at Lugo and Seville (Spain) intermittently. Other stations in Brittany, Iceland, the Azores, Newfoundland, and Bermuda are under consideration.

At present the Stavanger station, latitude 58°38' N., longitude 5°40' E., operates on 319 kilocycles, call sign T. 1., and Bushmills, latitude 55°12'20" N., longitude 6°28'02" W., on 263 kilocycles, call sign 7H7. The stations at Lugo and Seville use 303 and 311 kilocycles respectively. The transmission cycle of the German-built beacons at Stavanger, Lugo, and Seville occupies 2 minutes, of which the dot/dash period takes up 1 minute. At Bushmills (British) the total cycle has been reduced to 60 seconds, and in later British stations the total cycle will be reduced to 40 seconds in order still further to reduce the time required to

obtain a bearing. In each case the dot/dash period will take 30 seconds and the total number of dots and dashes will be 60, as in the case of the ex-German equipment. Bearings can be obtained up to a distance of about 1,000 miles by day. By night the range is increased, but the bearings obtained are less accurate. The accuracy obtained varies with the ship's position relative to the station. In the best areas the probable error has been found to be about $\frac{1}{2}^\circ$ by day and from $\frac{1}{2}^\circ$ to 1° by night.

LIEUTENANT VUKIC AWARDED AMERICAN LEGION MEDAL OF VALOR

Lt. (jg) John Vukic, now at the Academy in New London, Conn., has been chosen by the Coast Guard board of awards to receive the Medal of Valor, awarded each year to an outstanding Coast Guardsman by the American Legion, Department of Maryland. Presentation was made at the American Legion banquet held on March 1 at the Emerson Hotel, Baltimore, Md.

Lieutenant Vukic was nominated because of his extraordinary achievement while participating in aerial flight as copilot and pilot of a patrol plane engaged in rough-water landing and take-off tests and study. He flew more than 170 open sea landings and take-offs on all headings with respect to wind and sea and in very high swells and very rough seas. These test landings were made off the New England coast, off the Virginia Capes, off the Florida Keys, in the Gulf of Mexico, and off the coasts of northern and southern California. In one instance his conduct during the loss of a float in a high swell was principally responsible for saving the plane and crew.

The Coast Guard is investigating the practicability of using nylon cordage as boat falls. Comparative tests of nylon and manila cordage of equal size are to be conducted.

ROCKET-ASSISTED LINE-TROW- ING PROJECTILE IS TESTED

Continuing its efforts to improve upon the equipment for projecting a line from one vessel to another or from the shore to a vessel, the Coast Guard recently conducted tests of a rocket-assisted, 50-caliber line-throwing projectile designed by James E. Sieg, gunner's mate first class. The new projectile is designed in two sizes, one of which carries four

1½-inch rocket motors and the other, three of the same type. The equipment is designed so that the projectile is fired from a .50-caliber gun and the rockets are ignited at approximately 50 feet from the muzzle while in flight. These two tests were preliminary in nature and demonstrated that considerable development work is necessary to perfect the means used to ignite the rockets.

RIVER OPERATORS CONSIDER USE OF RADAR

Interest of inland river vessel operators in the possible application of radar to this type of navigation was evidenced by a meeting recently called by the American Waterways Operators, Inc., to consider this matter. A committee was organized to initiate an experimental radar program, and in this will work with the Coast Guard and the United States Engineers Department.

Ugrunden Lightship, maintained by Sweden, in the Baltic Sea, is being operated, without a crew, by ultra-short rays from shore.

AIR RESCUE RESPONSIBILITY UNDER PICAQ ACCEPTED FOR COAST GUARD

Acceptance for the Coast Guard of the responsibility for providing search and rescue facilities and services to meet United States obligations to the Provisional International Civil Aviation Organization, has recently been formally consummated by the Treasury Department. Since the organization of PICAQ, the appropriateness of the Coast Guard taking over search and rescue duties was generally apparent. The recent action of the Secretary of the Treasury gives formal expression to this view.

The following letter was addressed by the Secretary of the Treasury, on January 2, to the Chairman, Air Coordinating Committee, Under Secretary of State for Economic Affairs.

MY DEAR MR. CLAYTON: This will acknowledge your letter of September 22, 1946, which was not received in this Department until November 26, 1946 (presumably it was detained by the Air Coordinating Committee), relative to the designation of the United States Coast Guard as the coordinating agency with primary responsibility for providing search and rescue facilities and services to meet United States obligations to PICAQ for the protection of international civil aviation over water

areas. The Treasury Department is pleased to accept this responsibility, and will seek such funds and authority as may be necessary to implement this program.

Adequate measures will be taken by the Coast Guard to insure the coordination of civil and military facilities to the fullest extent possible.

Any policy or programs developed under the aforementioned responsibility will be referred to the Air Coordinating Committee for concurrence, as requested in the last paragraph of your letter.

Sincerely yours,

(S) JOHN W. SNYDER.

AUGUST 7, 1946.

Presented by Subcommittee on PICAQ MATTERS.

ACC 52/11

SPM-11

Title: PICAQ MATTERS—Air Navigation—Designation of United States Agency to Implement the Search and Rescue Obligations of the United States—Recommendation of the Subcommittee Thereon.

PROBLEM

To advise the Air Coordinating Committee of the recommendation of the subcommittee on PICAQ matters with respect to 52/11.

DISCUSSION

ACC 52/11, dealing with the designation of a United States agency to implement the search and rescue obligations of the United States, was referred to the subcommittee on PICAQ matters by the ACC secretary on July 15, 1946, for comment and recommendation. This reference was based upon a decision taken at the ACC meeting on June 27, 1946. The paper had been originally presented by the Treasury Department.

The subcommittee on PICAQ matters considered this paper at its meeting of July 15, 1946, and after considerable discussion, the subcommittee decided to recommend approval of ACC 52/11 with the original "recommended action" section deleted and the following section substituted therefor:

"1. The United States Coast Guard be designated as the coordinating agency for search and rescue operations, and as the agency with primary responsibility for providing search and rescue facilities and services, to meet the

United States obligations to PICAO for the protection of international civil aviation over water areas, and the Coast Guard shall refer to the Air Coordinating Committee any policy or program developed under the responsibility described above.

"(Par. 2 deleted by amendment entered.)

"3. Fulfillment of the above responsibility to be carried out without prejudice to:

"(a) Other rights and authority which may now be held by any department or agency of the Government by virtue of existing law, or

"(b) The right of the military to organize facilities for, and conduct search and rescue operations to the extent believed necessary by the military to meet their needs.

"In addition, adequate measures to be taken by the coordinating agency to insure the coordination of civil and military facilities to the fullest extent possible.

4. The U. S.-PICAO technical committee on search and rescue to make a thorough study of the requirements of a search and rescue program to meet the needs of domestic civil aviation as well as the international obligations of the United States."

RECOMMENDED ACTION

It is recommended that ACC approve ACC 52/11 as amended by the deletion of the entire recommended action section and the substitution therefor of the revised section indicated in the above discussion. The U. S.-PICAO technical committee on search and rescue is instructed to make every effort to expedite its study and to submit a report thereon as soon as possible.

JUNE 10, 1946.

Presented by TREASURY DEPARTMENT.

ACC 52/11

Title: PICAO Matters—Air Navigation—Designation of United States Agency to Implement the Search and Rescue Obligations of the United States.

PROBLEM

The implementation of certain obligations of the United States under the Interim Agreement on International Civil Aviation and Provisional International Civil Aviation Organization Recommended Practices.

DISCUSSION

Under article IX of the Interim Agreement on International Civil Aviation, each member State undertakes to provide, among other things, such measures of assistance to aircraft in distress as may be required for the safe and efficient operation of international air transportation. These obligations were expanded at Montreal in determining the search and rescue requirements of international civil aviation, and certain recommended practices were agreed upon. In addition, the PICAO has held regional meetings for the purpose of examining the needs of specific areas. The requirements of additional areas throughout the world will be examined at future regional meetings.

The PICAO regional meetings at Dublin made certain recommendations concerning facilities and services believed necessary to the protection of international civil aviation in the North Atlantic region. In brief, the Dublin meetings recommended:

(a) The continued operation or establishment of specified search and rescue facilities and bases,

(b) The maintenance and operation of specified search and rescue coordination centers, and

(c) The coordination of all facilities in the event of a distress incident.

It can be expected that PICAO, at an early date, will forward to the United States specific recommendations concerning the provision of the facilities and services found necessary at the Dublin meeting. At such time, it will be the duty and obligation of the United States to take immediate steps to implement these recommendations. Only by full integration of the services to be performed can the facilities be kept to a minimum and the needs of the using agencies retained within the limits of peacetime budgets. In addition, the organization and operation of facilities must be coordinated, not only within the United States, but with the organizations and facilities operated by countries in contiguous areas. For these reasons, it is believed that, in the interest of economy and efficient operation, the responsibility for implementation should be vested in one agency of the Government.

It is believed essential that the designation of the agency to fulfill the obligations of the United States as outlined herein should be made as soon as possible. All agencies of the Government are now going through a difficult period of adjusting themselves to a

peacetime status, and a determination of peacetime needs is necessary. In addition, immediate joint operational planning, domestic and international, is necessary to give early effect to the agreements arrived at, and full protection to the rapidly expanding international aviation service.

RECOMMENDED ACTION

That the Air Coordinating Committee, in recognition of the long-standing responsibility of the Coast Guard for the safety of life and property at sea, and in recognition of its existing search and rescue organization, recommend the designation of the Coast Guard as the agency within the United States to implement:

(1) The obligations of the United States for search and rescue as set forth under the Interim International Civil Aviation Agreement and the Regional Agreements as approved by the PICAO Council; and

(2) Such future search and rescue requirements as may be established by PICAO as obligations of the United States.

The Commissioners of the Irish Lights are restoring the lightships withdrawn from the coast of Ireland during the war for fear of mines.

STICKERS ARE PREPARED TO FACILITATE COURTESY BOAT INSPECTIONS

In order to standardize the courtesy motorboat inspection program throughout the country, headquarters has prepared and distributed a supply of special numbered decalcomanias. One of these stickers is to be issued to each boat which is inspected by the Coast Guard Auxiliary and found to meet all legal requirements of the Motorboat Act. Accompanying the sticker will be a printed form on which will be entered the name of the boat, the name of the owner, and other pertinent information.

While vessels bearing the courtesy inspection sticker will not be subjected to a further inspection by authorized boarding officers of the regular service, it is not the purpose of the courtesy inspection program to compile information on violations. Therefore, the only record of conditions found upon a boat which is inspected will be form

which is handed to the owner. The inspection is a courtesy and is made only on request of the owner.

NEW MISSISSIPPI RIVER LIGHT LIST IS ISSUED

The 1947 edition of the Light List for the Mississippi and Ohio Rivers has been issued and is now available for distribution. The list is corrected to date of issue, and in format is identical with that issued in 1946.

REGULATIONS FOR LIGHTING BRIDGES ISSUED UNDER COAST GUARD IMPRINT

Regulations for Lighting Bridges, 1947, has just been issued by headquarters and is now available for distribution to those concerned. This is the first edition of these regulations issued under Coast Guard imprint, and it replaces a publication of the same title published in 1937 by the Lighthouse Service of the Department of Commerce. Control of the lighting of bridges over navigable waters is a function which the Coast Guard derived from the Lighthouse Service.

The new publication is illustrated, and shows the required forms of lighting for various standard type bridges.

RADAR-EQUIPPED VESSELS ARE OBLIGATED TO USE IT DURING LOW VISIBILITY

Failure on the part of a Government vessel equipped with radar and manned with competent operators to make use of this equipment while under way in low visibility has been held by a court to be directly contributory to a collision in which the vessel was involved. Article 29 of both International Rules of the Road and Inland Rules of the Road are applicable. This article states that nothing in these rules shall exonerate any vessel, or the owner or master or crew thereof, from the consequences of any neglect of any precaution which may be required by the ordinary practice of seamen, or by the special circumstances of the case.

The court has considered the use of radar, where available, as one of the ordinary precautions which must not be neglected under the dictates of rule 29, this being based on the fact that ample demonstration has been made of the usefulness of radar as an anticollision measure.

NEW EDITIONS OF RADIOBEACON CHARTS CALL ATTENTION TO LORAN

New editions of the radiobeacon charts, issued for posting on ships equipped with radio direction finders, have just been issued by the Coast Guard. These charts, in addition to being corrected to the date of publication, contain certain innovations.

Among the new features, indicating a recent development in radiobeacon operation, in the listing of those stations which operate on a continuous carrier wave. This form of operation has been adopted for certain important stations to make them more useful to airplanes, and to ships, equipped with the automatic type of radio direction finder. Eleven stations employing this type of transmission are shown on the new charts, 1 on the Pacific coast, 7 on the Atlantic coast, and 3 on the Great Lakes.

In order to call the attention of the maritime interests to the network of Loran stations operated by the Coast Guard, the new radiobeacon charts of the Atlantic and Pacific areas have overprinted on them in colors the lines customarily used to denote the coverage of these stations. This overprinting of Loran lines on the radiobeacon charts is not for the purpose of navigation, but to indicate to interested persons the extent of the Loran coverage, especially as compared with radiobeacon coverage. From these lines, a general idea of the location of the Loran stations can be gained.

The new radiobeacon charts are now ready for distribution without charge to all vessels fitted with radio direction finding apparatus.

REGULATIONS REGARDING MOTORBOAT NUMBERING ARE AMENDED

Motorboats operated for pleasure and fishing not exceeding 16 feet in over-all length and temporarily equipped with detachable motors are no longer required to be numbered, under an amendment of the regulations affecting the numbering of motorboats promulgated by the Coast Guard.

The present regulations require that boats with permanently fixed engines regardless of length are required to have a certificate of award of number. Also, motorboats more than 16 feet in length whether propelled by an outboard motor or permanently installed engine are required to have a certificate of award of number.

MEDALS, DECORATIONS, AND COMMENDATIONS AWARDED COAST GUARD PERSONNEL

The following list is a continuation of that published in the February issue of the Coast Guard Bulletin, and supplements those published in the February 1946 and December 1946 issues of the same publication. The present list includes awards of the Presidential Unit Citation, Navy Unit Commendation Ribbon, Silver Life Saving Medal, Commandant's Citation, Commandant's Commendation Letter, and certain awards of foreign governments.

PRESIDENTIAL UNIT CITATION

Alcorn, John J., F1c.
Anderson, Gordon J., BM1c.
Austin, Charles G., BM1c.
Ayres, Jack M., S2c.
Blucukis, Albert, S1c.
Boseman, Raymond E., F3c.
Boysen, Ernest J., S2c.
Brannon, Wilburn R., S2c.
Brown, James W., Cox.
Burst, Raymond E., BM2c.
Burns, Merle L., S1c.
Burrus, Luther D., BM2c.
Butler, Julius R., F1c.
Butler, Walter B., S1c.
Cañavan, Robert J., S1c.
Carpenter, Charles L., BM2c.
Cattuna, John J., S2c.
Chamness, David C., S2c.
Chaudoir, Clarence A., MM1c.
Coffman, Bernard F., S1c.
Colby, John W., BM1c.
Collins, Alfred S., BM1c.
Coppens, John H., BM2c.
Corea, John F., BM2c.
Coyman, Peter, MM2c.
Craton, William S., S1c.
Demmons, Ralph F., BM2c.
DePasquale, Albert M., F1c.
Doughty, Gilbert E., surfman.
Driscoll, Edward H., surfman.
Dunlop, John A. (two), BM2c.
Dwyer, Stephen H., Jr., MM2c.
Ellsworth, Harvey A., MM1c.
Evans, Roland R., surfman.
Farrow, David D. (two), surfman.
Fish, Edwin A., BM1c.
Fogerty, John E., S2c.
Gallop, George G., S1c.
Gokey, Harvey H. (two), surfman.
Gray, Cyrus R. (two), BM2c.
Gray, Donald P., S2c.
Gray, James I., BM2c.
Gray, Roy L., BM2c.
Gray, Vance E., BM2c.
Grejezik, Raymond N., S2c.
Gruen, Charles L., S2c.
Halber, William, S2c.
Hall, William E. (two), S1c.

Hamilton, Joseph L., Jr., S2c.
 Hayden, Barney W., BM2c.
 Henderson, John, surfman.
 Hopper, James R., Jr., WT1c.
 Hoskinson, Lloyd C., F2c.
 House, Russell L., MM1c.
 Jacobson, Cecil L., S1c.
 King, Laurence A., CGM.
 Kirby, Donald R., Jr., S1c.
 Knopf, Robert H., BM2c.
 Lafferty, Johnny F., S2c.
 Lambariski, John S., BM2c.
 Leins, Albert D., MM1c.
 Litchfield, Herbert N., BM2c.
 Love, Richard W., S2c.
 Lowe, Dale E., S2c.
 Mann, Frederick D., BM1c.
 Marchant, Elliot F., BM2c.
 Mayhew, Russell, CM2c.
 Might, Thomas A., S2c.
 Moore, Charles C., surfman.
 Morrison, George S., BM2c.
 Mulroy, Vincent J., F2c.
 Munro, Douglas A., SM1c.
 Murphy, Clifford D. (two), surfman.
 Murphy, Francis X., S1c.
 McCormick, David D., BM1c.
 Newkirk, Clarence M., BM2c.
 O'Beck, Adrian M., surfman.
 Oleson, Carl, Jr., surfman.
 Olsen, John H., BM1c.
 Olson, Walter H., BM2c.
 O'Neal, Orviss T., MM1c.
 Ouliet, Paul W., S2c.
 Pentecost, Denver B., Cox.
 Percival, Jack, MM2c.
 Peters, Arthur, Jr., F1c.
 Phillips, Woodrow J., surfman.
 Piland, Robert N., Jr., CM1c.
 Pruneau, George R., S1c.
 Reilly, William J. P., Jr., S2c.
 Richards, Walter T., BM2c.
 Rodgers, Jack D., BM1c.
 Rogers, William H., BM2c.
 Russo, Francis S., MM2c.
 Schomer, John L., MM1c.
 Searing, Robert C., BM2c.
 Sheats, Herbert S., Jr., S2c.
 Shelson, Earl G., MM1c.
 Shippey, Mark A., Cox.
 Silva, Arthur F., MM1c.
 Simpson, Arthur G., S1c.
 Smith, Carl F., Cox.
 Smith, Opie R., S2c.
 Smith, William D., MM2c.
 Steroski, William C., F1c.
 Stetson, Woodrow S., BM2c.
 Stickney, Charles N., BM1c.
 Stinson, James C., F3c.
 Tanner, Hull O. L., MM1c.
 Thomas, Edgar W., BM1c.
 Tillett, Alton C., surfman.
 Trocchio, Frank J., surfman.
 Truitt, Howard, MM2c.
 Tull, John R., S2c.
 Twiford, Lloyd T., BM1c.
 Usiak, Paul, S2c.

Vega, Henry P., F1c.
 Verdon, Henry L., BM1c.
 Vorobel, Andrew, F2c.
 Wade, Garland H., Cox.
 Waldron, John W., MM2c.
 Walls, John A., F1c.
 Walter, Earl A., surfman.
 Webb, Elmore, Cox.
 Wettermark, Eugene C., S1c.
 White, Loren N., BM1c.
 White, Raymond H., BM2c.
 Williams, Charles W., BM2c.
 Williams, George A., CMM.
 Williams, Paul K., MM2c.
 Worcester, Clifton E., MM1c.
 Yancy, Elton W., BM1c.
 Zebrun, Andrew, Jr., S2c.

NAVY UNIT COMMENDATION RIBBON

Albee, Max A., RM1c.
 Anderson, Lella, Y1c (WR).
 Annacost, Roslyn G., CRM (WR).
 Bainter, Lawrence D., RM3c (R).
 Beck, Doris T., ensign (WR).
 Bell, Melvin K., CRM (R).
 Bell, Walter B., RM3c (R).
 Bezdek, Vladimir, lieutenant.
 Bishop, George E., lieutenant (jg).
 Blizard, Edward W., RM3c (R).
 Boles, Glen, RM1c (R).
 Bowers, Richard B., RM2c (R).
 Boyd, Leo, RM3c (R).
 Bradley, Joseph H., RM3c.
 Brady, John R., RM3c (R).
 Brown, Robert T., lieutenant commander.
 Butler, Francis P., RM1c (R).
 Byerley, Dewey L., RM1c.
 Carlisle, Ralph O., CRM.
 Carlough, Robert J., CRM.
 Carr, Marvin E., RM1c.
 Casamassa, Nicholas, RM3c (R).
 Case, Robert J., RM3c (R).
 Chartuk, Michael A., CRM.
 Collins, Mary, lieutenant (jg) (WR).
 Cocoran, Thomas H., RM3c (R).
 Cottrell, Walter H., RM2c (R).
 Crandell, Rachel M., Y2c (WR).
 Crawford, Roy M., RM2c (WR).
 Crowley, Mary J., Y2c (WR).
 Delaurentis, Peter, RM3c (R).
 Deneff, Louise, ensign (WR).
 Dobracki, Leo, CBM.
 Dorow, Margaret, Y3c (WR).
 Dragonette, Daniel, RM2c (R).
 Drexel, Kathryn F., Y1c (WR).
 Driggs, E. Weithorn, S1c (WR).
 Duncan, Joseph P., RM3 (R).
 Dutton, Earl J., lieutenant.
 Ellwood, Edward J., CRM.
 Eustic Frank T., CRM.
 Farley, Betty H., lieutenant (jg) (WR).
 Fehr, William S., S1c (R).
 Flacous, Caroline L., ensign (WR).
 Fluhart, Ethel R., Sp(I)3c (WR).
 Ford, Zelma A., ensign (WR).

- Foret, Gillis S., RM1c (R).
 Fox, Douglas A., RM3c (R).
 Freitas, Natalie M., Sp(1)3c (WR).
 Froelich, Robert D., RM3c (R).
 Garner, William H., RM2c.
 Gast, James M., CRM.
 Gentry, Voil O., CRM.
 Glick, Nida, lieutenant (jg) (WR).
 Gordon, Robert E., lieutenant.
 Gramolini, Attilia, CRM.
 Granzaw, Lorraine G. H., ensign (WR).
 Gregory, Chester W., RM3c (R).
 Guernsey, Donald C., RM2c (R).
 Gumbrecht, Carl R., RM1c.
 Hackworth, Robert H., CRE.
 Hall, Gordon R., RM3c (R).
 Harkins, James A., RM1c (R).
 Harrell, Howard B., CRM.
 Harris, Charles T., CRM.
 Hart, William M., RM3c.
 Hawley, Charles L., RM1c.
 Haydoo, Betty J., Sp(1)2c (WR).
 Hickcox, Barbara L., ensign (WR).
 Higgins, James B., CRM.
 Hodge, Richard C., RM2c (R).
 Howell, Burton E., CRE.
 Hughes, George H., RM1c (R).
 Hughey, Julia M., S1c (WR).
 Huntoon, Leo J., CRM (R).
 Huston, Josephine M., Y3c (WR).
 Irie, Henry, S1c (R).
 Jefferies, Charles G., CY (R).
 Johnson, Eliot L., lieutenant.
 Jones, Leonard T., commander.
 Jordan, George V., RM2c (R).
 Jurberg, Edward R., RM3c.
 Kanter, Rosabelle M., Y2c (WR).
 Kaufmann, Dorothy C., ensign (WR).
 Kessell, James C., S1c (R).
 King, Albert E., RM2c (R).
 Kunz, John W., RM2c (R).
 Lahey, Richard T., CRM (R).
 Lamar, Jerry L., RM2c (R).
 Lantto, Clarence R., RM2c (R).
 Ledger, Calvin B., RM3c (R).
 Ledrew, Leonard J., CRE.
 Lester, Caroline A., lieutenant (WR).
 Letieh, Martin J., RM1c (R).
 Levy, Bertram A., RM2c (R).
 Lewis, Earl H., RM1c.
 Lindjord, Nancy L., lieutenant (jg) (WR).
 Lingenbrink, William R., RM2c (R).
 Lorig, Robert, RM3c (R).
 Lurch, Robert W., RM1c (R).
 Lyon, Janet M., lieutenant (jg) (WR).
 Lyons, Norman D., RM1c.
 Marks, Thomas F., RM2c (R).
 Marquette, Charles F., RM1c.
 Mason, John F., RM1c.
 Mathis, Francis K., lieutenant (jg).
 Matthews, Edwin J., CRM.
 Mears, Carl B., RM3c (R).
 Meehan, William J., RM1c.
 Mifflin, Drucilla A., Y3c (WR).
 Morehouse, Harold E., lieutenant.
 Morey, Anne E., Sp(1)2c (WR).
 Mueller, Herbert R., RM3c (R).
 Mulhern, Alice G., lieutenant (jg) (WR).
 McClinton, Keith R., RM1c.
 McCleave, William T., RM3c (R).
 McDowell, Edythe H., lieutenant (jg) (WR).
 McHale, Robert, RM3c (R).
 McMahon, Vincent B., RM3c (R).
 O'Donnell, Sarah H., Sp(1)1c (WR).
 O'Steen, William W., CRM.
 Ott, John K., RM2c (R).
 Pack, Howard M., lieutenant (jg).
 Petrie, Alexander T., RM3c (R).
 Phelps, Edin C., RM2c (R).
 Phippen, Loren C., Sp(1)1c.
 Porges, Franciska, ensign (WR).
 Porter, Marieanna, ensign (WR).
 Prior, Francis, RM2c (R).
 Rabe, William A., CRM.
 Rector, Robert P., S1c (R).
 Reynolds, Judson J., CRM.
 Rogers, Redmond P., RM1c.
 Rosenberg, Paul, RM3c (R).
 Rumby, Julian D., RM2c (R).
 Santangelo, Andrew, Jr., RM2c (R).
 Sapp, Bernard J., RM3c (R).
 Sarisky, Andrew P., RM1c.
 Sauer, Lawrence C., RM2c (R).
 Schaev, Victor H., RM2c (R).
 Servadio, Ralph, RM3c (R).
 Sharda, Wilbur J., RM1c (R).
 Shipak, John, RM3c (R).
 Siegler, Raymond J., RM1c.
 Simmons, Jack E., Y1c (R).
 Smith, Stanley, RM1c (R).
 Smith, William A., RM2c (R).
 Socha, Edward H., RM2c (R).
 Sorsdal, Kenneth, CRM.
 Spencer, Maralyn M., Sp(1)1c (WR).
 Spivak, Irwin, RM3c (R).
 Springer, Doris V., lieutenant (jg) (WR).
 Stutley, Edward C., RH1c.
 Suarez, Raymond J., RM3c (R).
 Sullivan, Grace M., S1c (WR).
 Sumlin, Leo L., RM1c.
 Tadlock, Julian H., RM2c (R).
 Thompson, Gilvert E., RM1c.
 Truman, Ray A., CRM.
 Tucker, Gay, RM1c.
 Tuesburgh, Arthur R., RM2c (R).
 Vasepinecz, Alexander, RM3c (R).
 Vaughn, William, RM1c.
 Vlasin, Bernard D., RM2c (R).
 Vogeles, Vincent, RM2c (R).
 Wagner, Kenneth R., RM2c (R).
 Wagner, Stephen W. P., RM1c.
 Weber, Robert L., RM1c (R).
 Westfall, Wallace D., RM1c.
 Wheeler, Charles F., RM2c (R).
 Whitney, Norman A., CRM.
 Wicoff, Leon H., CRE.
 Wildfong, Reginald D., CRM.
 Young, Milton A., RM1c.

SILVER LIFE SAVING MEDAL

Craig, E. R., Cox.

COMMANDANT'S CITATION

Abbott, Henry E., lieutenant commander (R).
 Berg, Toralf A., lieutenant commander.
 Bolger, Jerome, lieutenant (jg).
 Brown, John W., lieutenant commander.
 Brown, Miles R., Sp(PS)1c (R).
 Chase, Dwight A., captain.
 Chester, Edward P., Jr., lieutenant commander.
 Culppepper, Charles S., lieutenant.
 Dahlburg, Theodore A., lieutenant commander.
 DeMartino, Marius, commander.
 Dugan, John I., commander.
 Etzweiler, Charles, commander.
 Evans, Stephen H., captain.
 Feidler, Ernest R., commander.
 Field, Maurice G., lieutenant commander.
 French, Arthur E., commander.
 Friedland, Louis N., lieutenant.
 Gillis, N. Raymond, commander.
 Hill, David I., CMM (R).
 Jack, Raymond L., captain.
 Johnson, Sigval, B., captain.
 Kelsey, Carleton, commander.
 Kenney, George P., commander.
 Lipshie, Joseph, lieutenant (jg).
 Liverman, Horace B., HA1c (R).
 Mansfield, William N., commander (TR).
 Paine, Stephen, commander (TR).
 Richards, Walter R., captain.
 Rosenthal, Joseph S., captain.
 Russo, Philip, RM3c (R).
 Sherman, George S., CSp (X) (R).
 Towers, Charles L., lieutenant commander.
 Vernon, Caroline, Y3c (WR).
 Wright, Merritt O., boatswain.

COMMANDANT'S COMMENDATION LETTER

Banta, Gareld B., lieutenant commander.
 Barnett, Francis E., lieutenant commander.
 Barrows, Leland J., lieutenant.
 Bartlett, Harry I., lieutenant commander (R).
 Belcher, Charles N., lieutenant.
 Bevis, Laura D., lieutenant commander (WR).
 Bilz, Conrad W., lieutenant commander.
 Bornmann, Adelaide, ensign (WR).
 Bracken, R. O., lieutenant (jg).
 Brannon, Burl H., lieutenant (jg) (R).
 Brixner, Myron W., lieutenant.
 Calahan, Emmet T., commander.
 Carmichael, Horace W., lieutenant.
 Carpenter, Albert J., commander.
 Cascini, Ernest A., commander.

Cohen, Florence B., lieutenant (jg).
 Comfort, Thomas A., chief pay clerk.
 Dives, Margaret S., lieutenant (WR).
 Dunn, Francis P., lieutenant (jg).
 Egan, John W., lieutenant (jg).
 Ellis, Sherman T., CBM.
 Emerson, Merle E., WT3c (R).
 Fisher, Alvin N., lieutenant commander.
 Forward, Charles H., lieutenant commander.
 Fraser, Phil, commander (R).
 Ganong, Carl F., captain.
 Gardiner, Charles H., lieutenant commander.
 Gary, Odelle C., lieutenant (WR).
 Geigher, Robert K., AerM2c.
 Giles, Forest E., ACMM.
 Greenberg, Balthazar D., lieutenant.
 Green, Joseph L., commander.
 Gunter, Lifford L., chief gunner.
 Hanks, Melvin L., commander.
 Hansberry, Ray A., lieutenant.
 Hansen, Charles, lieutenant.
 Haughen, Niels S., captain.
 Henriksen, John A., lieutenant commander.
 Hill, Whitmore D., captain.
 Holmes, William E., chief boatswain.
 Hook, Arthur H., lieutenant.
 Horton, Joseph K., lieutenant commander.
 House, Roscoe, captain (ret.).
 Hughes, John F., lieutenant commander.
 Hutchinson, Mark K., pay clerk.
 Jablonski, Gus, Jr., AMM1c.
 Johnson, Howard A., lieutenant (jg).
 Johnson, Lewis A., chief gunner.
 Kay, Jean A., lieutenant (jg) (WR).
 Kempter, Mary K., lieutenant (WR).
 Kirby, Virginia CY (WR).
 Knuti, Leslie A., lieutenant (jg).
 Leamy, Frank A., captain.
 Mallon, William J., lieutenant (jg).
 Martinson, Albert M., captain.
 Marts, Arnaud C., captain.
 Mazzei, Alfred C., CY (R).
 McGowan, Gordon P., commander.
 Mehman, Stewart P., commander.
 Molloy, Thomas M., rear admiral.
 Moran, Bernard H., lieutenant.
 Morton, Fred E., lieutenant commander.
 Newman, Harry W., lieutenant.
 Nowak, June H., lieutenant (WR).
 Olson, Louis B., captain.
 Otey, George B., S1c (R).
 Pacic, Thomas E., S2c.
 Phannemiller, George M., captain.
 Pifer, Philip C., lieutenant commander.
 Polajner, John S., lieutenant.
 Post, Duane L., S1c (R).
 Prall, Whitney M., captain.
 Puckett, Richard H., lieutenant commander.
 Rice, Maurice, commander.
 Robbins, Meyer, lieutenant commander.
 Roberts, Ernest, MoMM3c (R).
 Roche, John D., lieutenant commander.

Rohdin, Adolph A., lieutenant commander.
 Sanford, Hoban B., CRE.
 Schweitzer, Charles, MoMM2c (R).
 Semingsen, Earl M., lieutenant.
 Sharp, Henry S., commander.
 Sparacin, Joseph G., ensign.
 Stellberger, William F., lieutenant (jg) (R).
 Studley, Carl S., lieutenant commander.
 Sullivan, Charles J., lieutenant commander (R).
 Tennyson, Leonard B., lieutenant.
 Thompson, Howard J., CSP(X) (MSC) (R).
 Van Lopik, Evan, lieutenant commander.
 Varlese, Catherine E., lieutenant (WR).
 Vaughn, Ruby B., lieutenant (jg) (WR).
 Vracken, William L., CBM.
 Webster, Andrew H., BM1c.
 Whalen, Mark A., lieutenant commander.
 Wilcox, Ben C., lieutenant commander.
 Wildonger, Dorothy M., CCS (WR).
 Wood, George V., lieutenant.
 Wyatt, Dorothea E., lieutenant (WR).
 Young, R. M., CMoMM.
 Zifferblatt, Irving, AMM1c (R).

FORCES EXPEDITIONARY DO BRAZIL

Addisone, Charles J., PhM1c (R).
 Arango, Hasdrubal, Mus3c (R).
 Bakst, Jacob, CPhM (R).
 Ball, Harry N., SK1c.
 Barr, William W., lieutenant.
 Berry, Walter V., StM1c (R).
 Beverly, Leonard P., machinist.
 Bockius, Peter L., BM1c (R).
 Bragdon, Edgar F., pharmacist.
 Cacciamani, Henry J., SM1c (R).
 Caribo, Cletis L., lieutenant (jg).
 Cunningham, Almond L., lieutenant commander.
 Dahl, Henry E., SC1c (R).
 Dinan, James A., chief radio electrician.
 Doty, Edward T., St3c (R).
 Eiskamp, Albert G., CM1c.
 Fabik, Theodore J., commander.
 Fogarty, Warren V., SK2c (R).
 Griffiths, Douglas C., S1c (R).
 Grilly, Alverado, S1c (R).
 Habercam, Julien W., past assistant surgeon, USPHS.
 Halferty, Francis W., lieutenant (jg).
 Haworth, Francis R., lieutenant (jg).
 Hoffman, Elmer H., CY.
 Jordan, Donald E., Sp(PR)1c (R).
 Knox, Edmund L., Cox. (R).
 Kovalski, John C., CMM.
 Lauter, Herman A., Cox. (R).
 Marquez, Louis J., CBM.
 Marlowe, George A., PhM2c (R).
 Matlock, Donald C., SC1c.
 Mele, Vito A., MM3c (R).

McCaffrey, Timothy, EM1c.
 Pentecost, John R., electrician.
 Peterson, Erwin H., S1c.
 Phair, James F., lieutenant (jg).
 Rowlands, Hugh O., PhM1c (R).
 Ryer, John S., Y1c (R).
 Sadler, Hobart E., carpenter.
 Souza, Emanuel J., CBM.
 Tench, William, past assistant surgeon, USPHS.
 Wilber, James A., lieutenant commander.

DECORATION OF THE ORDER OF THE BRITISH EMPIRE

Jones, Leonard T., commander.

MEDALHA DE CAMPANHA (BRAZIL)

Hoover, William B., surgeon USPHS.
 Rhodes, Earl K., commander.

MOST EXCELLENT ORDER OF THE BRITISH EMPIRE

Jolly, William H., lieutenant commander (R).

CANADIAN AIR FORCE CROSS

Kleisch, August, lieutenant.

CROSS OF THE COMMANDER OF THE FIRST DEGREE ORDER OF DANBORG

Plue, James, rear admiral.

DE L'ORDRE NATIONAL HONNEUR ET MERITE

Braswell, Marvin T., commander.

POLONIA RESTITUTA 2ND CLASS (POLAND)

Wnesche, Russell R., admiral.

ITALIAN ORDER OF THE SAINTS MAURICE AND LAZARUS

Lawler, Joseph J., commander.

ORDER OF MILITARY MERIT (BRAZIL)

McKean, George W., captain.

CHANGES IN ASSIGNMENT

Capt. Robert E. Coombs, USCGR, from Coast Guard Headquarters to 9th Coast Guard District as marine inspection officer.
 Capt. John Rountree, from Western Area Office to YARD as Captain of YARD.
 Capt. Frank T. Kenner, designated Coast Guard liaison officer to Committee on Merchant Marine and Fisheries, effective February 7, 1947.

- Capt. George W. McKean, designated as chief of staff, 7th Coast Guard District.
- Capt. Harold S. Berdine, from 7th District Office to 3d District Office as operations officer and deputy group commander.
- Capt. George C. Carlstedt, from 3d District Office to 10th District Office as chief of staff.
- Commander Frank K. Johnson, from C. G. C. *Gresham* to C. G. C. *Acushnet* as commanding officer.
- Commander Arthur G. Morrill, from C. G. C. *Dexter* to C. G. C. *Androscoggin* as commanding officer.
- Commander John R. Kurcheski, from C. G. C. *Androscoggin* to C. G. C. *Dexter* as commanding officer, and later from C. G. C. *Dexter* to C. G. C. *Storis* as commanding officer.
- Commander Montague F. Garfield, temporary duty orders to 3d Coast Guard District amended, to 8th Coast Guard District for duty as Chief, Personnel Division.
- Commander Eugene A. Coffin, Jr., from 8th Coast Guard District to C. G. C. *Tamara* as commanding officer.
- Commander Harry E. Davis, from Coast Guard Headquarters to C. G. C. *Spencer* as executive officer.
- Commander Robert S. Lecky from Coast Guard Depot, Woods Hole, Mass., to C. G. C. *Mohawk* as commanding officer.
- Commander Searcy J. Lowrey, from *Storis* to 5th District Office for temporary duty pending further assignment by Headquarters.
- Commander Dwight H. Dexter, from 10th District Office to C. G. C. *Dexter* as commanding officer.
- Commander Albert E. Harned, from Air Facility, Mayport, Fla., to 12th District Office as Chief, Aviation Section.
- Commander Reinhold R. Johnson, from Coast Guard Air Station, San Diego, Calif., to Coast Guard Air Station, Salem, Mass., as commanding officer.
- Commander John R. Henthorn, from 9th District Office to Air Facility, Argenta, Newfoundland, as commanding officer.
- Lt. Comdr. Karl A. E. Lindquist, from C. G. C. *Argo* to C. G. C. *Basswood* as commanding officer.
- Lt. Comdr. Harold J. Babbitt, from Coast Guard Repair Base, Boston, Mass., to C. G. C. *Argo* as commanding officer.
- Lt. Comdr. Henry P. Kniskern, Jr., from Instruction Navy Supply Corps School, Bayonne, N. J., to Headquarters for temporary duty pending further assignment.
- Lt. Comdr. William J. Lawrence, from Air Facility, Mayport, Fla., to Coast Guard Air Station, Port Angeles, Wash., and later from Coast Guard Air Station, Port Angeles, to Coast Guard Air Station, Elizabeth City, N. C.
- Lt. Comdr. James B. Weaver, from 3d District Office to 1st District Office pending further assignment by Headquarters.
- Lt. Comdr. Clement Vaughn, Jr., from Coast Guard Air Station, San Francisco, Calif., to Coast Guard Air Station, Elizabeth City, N. C., and later from Coast Guard Air Station, Elizabeth City, to Coast Guard Air Station, Port Angeles.
- Lt. Comdr. Raymond W. Blouin, from Coast Guard Air Station, Salem, Mass., to Aviation Division, Headquarters.
- Lt. Comdr. Charles Tighe, from Headquarters to Coast Guard Air Station, San Diego, Calif.
- Lt. Comdr. Gilbert R. Evans, from Coast Guard Air Station, Elizabeth City, N. C., to Headquarters as Chief, Operations Statistics Section.
- Lt. Comdr. Patrick J. MacMahon, US-CGR, from Marine Inspection Office, Cleveland, Ohio, to Marine Inspection Office, Chicago, Ill.
- Lt. Comdr. Winslow R. Buxton, from C. G. C. *Tampa* to C. G. C. *Mocomma* as executive officer.
- Lt. Comdr. Benjamin F. Engel, from Coast Guard Air Station, San Diego, Calif., to Communications Division, Coast Guard Headquarters.
- Lt. Comdr. Charles M. Sharp, from Control Center, Quonset Point, R. I., to Coast Guard Air Station, Salem, Mass.
- Lt. Comdr. William H. Moulton, from Coast Guard Repair Base, Boston, Mass., to C. G. C. *Yamacraw* as commanding officer.
- Lt. Comdr. Joseph R. Fredette, transfer to C. G. C. *Dexter* canceled.
- Lt. Comdr. Norman H. Church, from C. G. C. *McCulloch* to 4th Coast Guard District for intelligence and law enforcement duties.
- Lt. Comdr. Charles E. Swanson, from C. G. C. *Mohawk* to 4th Coast Guard District for marine inspection duty.
- Lt. Comdr. Felix S. De Soboll, USCGE, from Marine Inspection Office, Long Beach, Calif., to Marine Inspection Office, San Francisco, Calif.
- Lt. Comdr. Arthur B. Engel, from C. G. C. *Ponchartrain* to Headquarters (Naval Engineering Division).
- Lt. Comdr. John N. Buckley, from C. G. C. *Spencer* to 12th Coast Guard District (Control Center).

Lt. Comdr. Chester L. Jordan, from Coast Guard Repair Base, Boston, Mass., to Coast Guard Depot, Woods Hole, Mass., as commanding officer.

Lt. Comdr. Clarence H. Waring, Jr., orders to McCulloch canceled.

Lt. Comdr. Clifford S. Gerde, from Superintendent of Ships, San Pedro, Calif., to C. G. C. McCulloch as executive officer.

Lt. Comdr. Willard L. Jones, from C. G. C. Onondaga to C. G. C. Wachusett as engineering officer.

DEATHS

Lt. Comdr. John W. MacIntosh died in crash of the Coast Guard *PBY-5A* just south of Tillam, Oreg., February 12.

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